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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/973,278

DATE: 10/24/2001

TIME: 14:04:06

Input Set : A:\PZ010P2-SL.txt

Output Set: N:\CRF3\10242001\I973278.raw

2.

ENTERED

P. 5

1 <110> APPLICANT: Fischer et al.
 3 <120> TITLE OF INVENTION: 123 Human Secreted Proteins
 5 <130> FILE REFERENCE: PZ010P2
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 C--> 7 <141> CURRENT FILING DATE: 2001-10-10
 7 <150> PRIOR APPLICATION NUMBER: 60/239,899
 8 <151> PRIOR FILING DATE: 2000-10-13
 10 <150> PRIOR APPLICATION NUMBER: 09/227,357
 11 <151> PRIOR FILING DATE: 1999-01-08
 13 <150> PRIOR APPLICATION NUMBER: PCT/US98/13684
 14 <151> PRIOR FILING DATE: 1998-07-07
 16 <150> PRIOR APPLICATION NUMBER: 60/051,926
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107 <151> PRIOR FILING DATE: 1997-09-12
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110 <151> PRIOR FILING DATE: 1997-09-12
112 <160> NUMBER OF SEQ ID NOS: 947
114 <170> SOFTWARE: PatentIn Ver. 2.0
116 <210> SEQ ID NO: 1
117 <211> LENGTH: 733
118 <212> TYPE: DNA
119 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 1
122 gggatccgga gccaaatct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg      60
123 aattcgaggg tgcaccgtca gtcttcctct tcccccaaa acccaaggac accctcatga      120
124 tctcccgga ccttgaggtc acatgcgtgg tggaggacgt aagccacgaa gacctgagg      180
125 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg      240
126 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact      300
127 ggctgaatgg caaggagtac aagtgcaagg tctccaacaa agccctcca acccccatcg      360
128 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc      420
129 catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct      480
130 atccaagcga catgcctgtg gagggtggaga gcaatgggca gccggagAAC aactacaaga      540
131 ccacgcctcc cgtgctggac tccgacggct ccttcttctc ctacagcaag ctcaccgtgg      600
132 acaagagcag gtggcagcag gggaacgtct tctcatgtct cgtgatgcat gaggctctgc      660
133 acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc      720
134 gactctagag gat
136 <210> SEQ ID NO: 2

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137 <211> LENGTH: 5
 138 <212> TYPE: PRT
 139 <213> ORGANISM: Homo sapiens
 141 <220> FEATURE:
 142 <221> NAME/KEY: Site
 143 <222> LOCATION: (3)
 144 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids

146 <400> SEQUENCE: 2
 W--> 147 Trp Ser Xaa Trp Ser
 148 1 5
 150 <210> SEQ ID NO: 3
 151 <211> LENGTH: 86
 152 <212> TYPE: DNA
 153 <213> ORGANISM: Artificial Sequence
 155 <220> FEATURE:
 156 <221> NAME/KEY: Primer_Bind
 157 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding site

158 found in the IRF1 promoter (Rothman et al., Immunity 1:457-468
 159 (1994)), 18 nucleotides complementary to the SV40 early promoter,
 160 and a Xho I restriction site.
 162 <400> SEQUENCE: 3
 163 gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60
 164 cccgaaatat ctgccatctc aattag 86
 166 <210> SEQ ID NO: 4
 167 <211> LENGTH: 27
 168 <212> TYPE: DNA
 169 <213> ORGANISM: Artificial Sequence
 171 <220> FEATURE:
 172 <221> NAME/KEY: Primer_Bind
 173 <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promoter;

includes a
 174 Hind III restriction site.
 176 <400> SEQUENCE: 4
 177 gcggcaagct ttttgcaaag cctagggc 27
 179 <210> SEQ ID NO: 5
 180 <211> LENGTH: 271
 181 <212> TYPE: DNA
 182 <213> ORGANISM: Artificial Sequence
 184 <220> FEATURE:
 185 <221> NAME/KEY: Protein_Bind
 186 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes

GAS
 187 binding sites found in the IRF1 promoter (Rothman et al., Immunity
 188 1:457-468 (1994)).
 190 <400> SEQUENCE: 5
 191 ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg 60
 192 aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 120
 193 gcccctaact ccgcccagtt ccgcccattc tccgcccatt ggctgactaa ttttttttat 180
 194 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt 240
 195 ttttggaggc ctaggctttt gcaaaaagct t 271
 197 <210> SEQ ID NO: 6

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Input Set : A:\PZ010P2-SL.txt

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199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <221> NAME/KEY: Primer_Bind
204 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1
promoter
205     sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a
206     Xho I restriction site.
208 <400> SEQUENCE: 6
209 gcgctcgagg gatgacagcg atagaacccc gg                               32
211 <210> SEQ ID NO: 7
212 <211> LENGTH: 31
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <221> NAME/KEY: Primer_Bind
218 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1
promoter
219     sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a
220     Hind III restriction site.
222 <400> SEQUENCE: 7
223 gcgaagcttc gcgactcccc ggatccgcct c                               31
225 <210> SEQ ID NO: 8
226 <211> LENGTH: 12
227 <212> TYPE: DNA
228 <213> ORGANISM: Homo sapiens
230 <400> SEQUENCE: 8
231 ggggactttc cc                               12
233 <210> SEQ ID NO: 9
234 <211> LENGTH: 73
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <221> NAME/KEY: Primer_Bind
240 <223> OTHER INFORMATION: Synthetic primer with 4 tandem copies of the NF-KB binding
site
241     (GGGGACTTTCCC), 18 nucleotides complementary to the 5' end of the
242     SV40 early promoter sequence, and a XhoI restriction site.
244 <400> SEQUENCE: 9
245 gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg       60
246 ccattctcaat tag                               73
248 <210> SEQ ID NO: 10
249 <211> LENGTH: 256
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <221> NAME/KEY: Protein_Bind
255 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
NF-KB
256     binding sites.
258 <400> SEQUENCE: 10
259 ctcgagggga ctttcccggg gactttccgg ggactttccg ggactttcca tctgccatct       60

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260 caattagtca gcaaccatag tcccgccct aactccgcc atcccgcccc taactccgcc      120
261 cagttccgcc cattctccgc cccatggctg actaatTTTT tttatttatg cagaggccga      180
262 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg      240
263 cttttgcaaa aagctt                                     256
265 <210> SEQ ID NO: 11
266 <211> LENGTH: 1142
267 <212> TYPE: DNA
268 <213> ORGANISM: Homo sapiens
270 <220> FEATURE:
271 <221> NAME/KEY: misc_feature
272 <222> LOCATION: (341)..(341)
273 <223> OTHER INFORMATION: n equals a,t,g, or c
275 <220> FEATURE:
276 <221> NAME/KEY: misc_feature
277 <222> LOCATION: (369)..(369)
278 <223> OTHER INFORMATION: n equals a,t,g, or c
280 <220> FEATURE:
281 <221> NAME/KEY: misc_feature
282 <222> LOCATION: (386)..(386)
283 <223> OTHER INFORMATION: n equals a,t,g, or c
285 <220> FEATURE:
286 <221> NAME/KEY: misc_feature
287 <222> LOCATION: (408)..(408)
288 <223> OTHER INFORMATION: n equals a,t,g, or c
290 <220> FEATURE:
291 <221> NAME/KEY: misc_feature
292 <222> LOCATION: (412)..(412)
293 <223> OTHER INFORMATION: n equals a,t,g, or c
295 <220> FEATURE:
296 <221> NAME/KEY: misc_feature
297 <222> LOCATION: (526)..(526)
298 <223> OTHER INFORMATION: n equals a,t,g, or c
300 <220> FEATURE:
301 <221> NAME/KEY: misc_feature
302 <222> LOCATION: (598)..(598)
303 <223> OTHER INFORMATION: n equals a,t,g, or c
305 <220> FEATURE:
306 <221> NAME/KEY: misc_feature
307 <222> LOCATION: (676)..(676)
308 <223> OTHER INFORMATION: n equals a,t,g, or c
310 <220> FEATURE:
311 <221> NAME/KEY: misc_feature
312 <222> LOCATION: (739)..(739)
313 <223> OTHER INFORMATION: n equals a,t,g, or c
315 <400> SEQUENCE: 11
316 tcgacccaag cgtccgtctt cctcctgcgt cctccccgc tgcctccgct gctcccgacg      60
317 cggagccccg agcccgcgcc gagccccctg cctcgcggtg ccatgctgcc ccggcggcgg      120
318 cgctgaagga tggcgacgcc gctgcctccg cctccccgc ggcacctgcg gctgctgcgg      180
319 ctgctgctct ccggcctcgt cctcggcgcc gccctgcgtg gagccgccc cggccaccgg      240

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

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Input Set : A:\PZ010P2-SL.txt

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L:7 M:270 C: Current Application Number differs, Replaced Current Application No

L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
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L:554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:653 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:705 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:827 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
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L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1054 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
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L:1137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38

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L:1351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38